

The diagram shows a vertical stack of ten pins labeled TP1 through TP10. Each pin is connected to a green horizontal bus line. The bus line then splits into two paths: one leading to a red downward-pointing triangle labeled 'VSS' at the bottom, and another path that goes up and then right, ending in a red downward-pointing triangle also labeled 'VSS'.

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Title: Awobajo - Memory

Title: Awoman - Men

B Sheet: /Memory/ Revision: 1
Date: 2025-05-02 Sheet 3 of 16
File: memory.kicad_sch Drawn By: Madison Gleydura

A

A

B

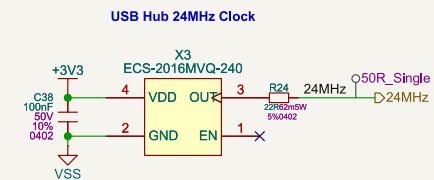
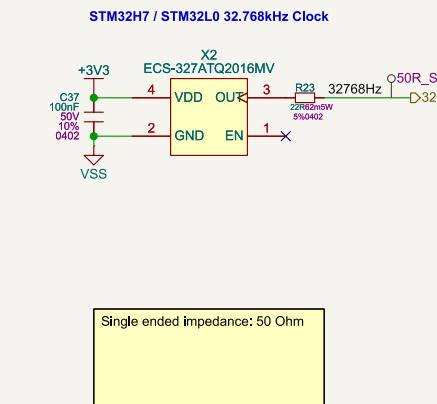
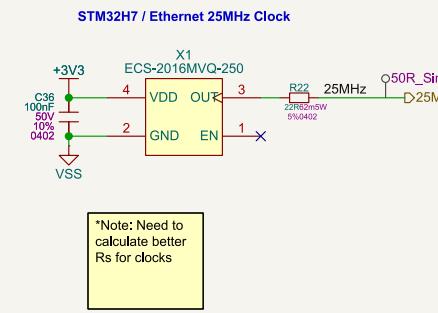
B

C

C

D

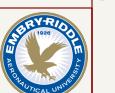
D



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Title: Awohali - Clocks



Size: B	Sheet: /Clocks/	Revision: 1
Date: 2025-05-02	Sheet 4 of 16	
File: clocks_kicad_sch	Drawn By: Madison Gleydura	

A

A

B

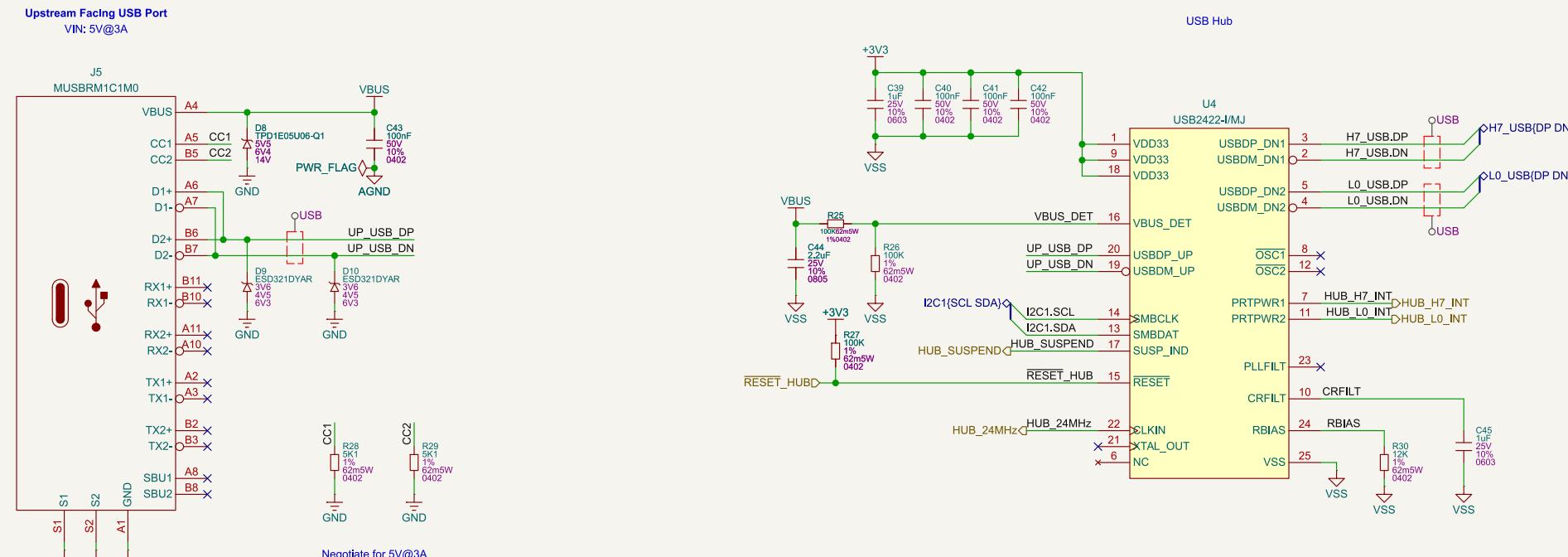
B

C

C

D

D



Differential impedance: 90 Ohm
Length matching: +/- 15.24mm for DP/DN

TP11 → H7_USB.DP
TP12 → H7_USB.DN
TP13 → L0_USB.DP
TP14 → L0_USB.DN
TP15 → VSS

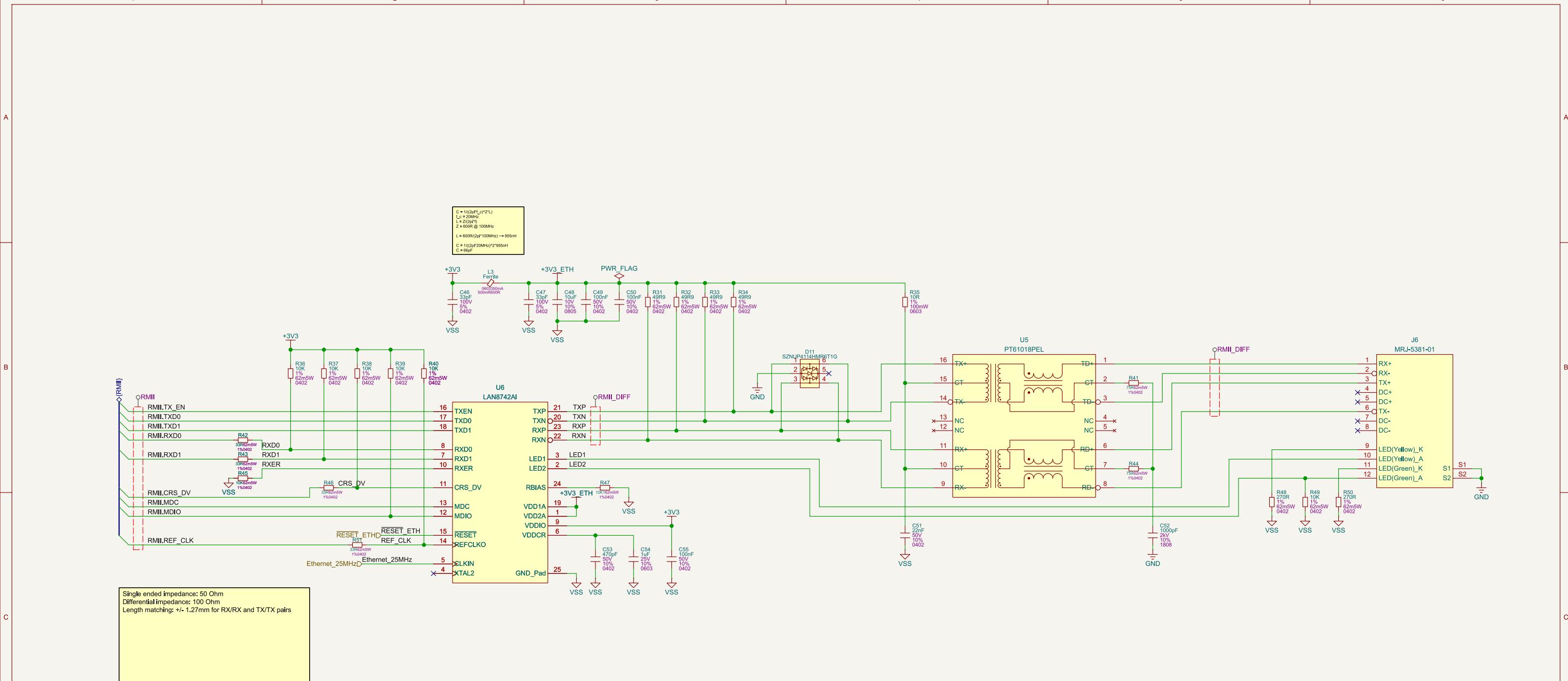
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Title: Awohali USB Hub



Size: B	Sheet: /USB Hub/	Revision: 1
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File: usb_hub.kicad_sch	Drawn By: Madison Gleydura	



TP16 TXP
 TP17 TXN
 TP18 RXP
 TP19 RXN
 TP20 VSS

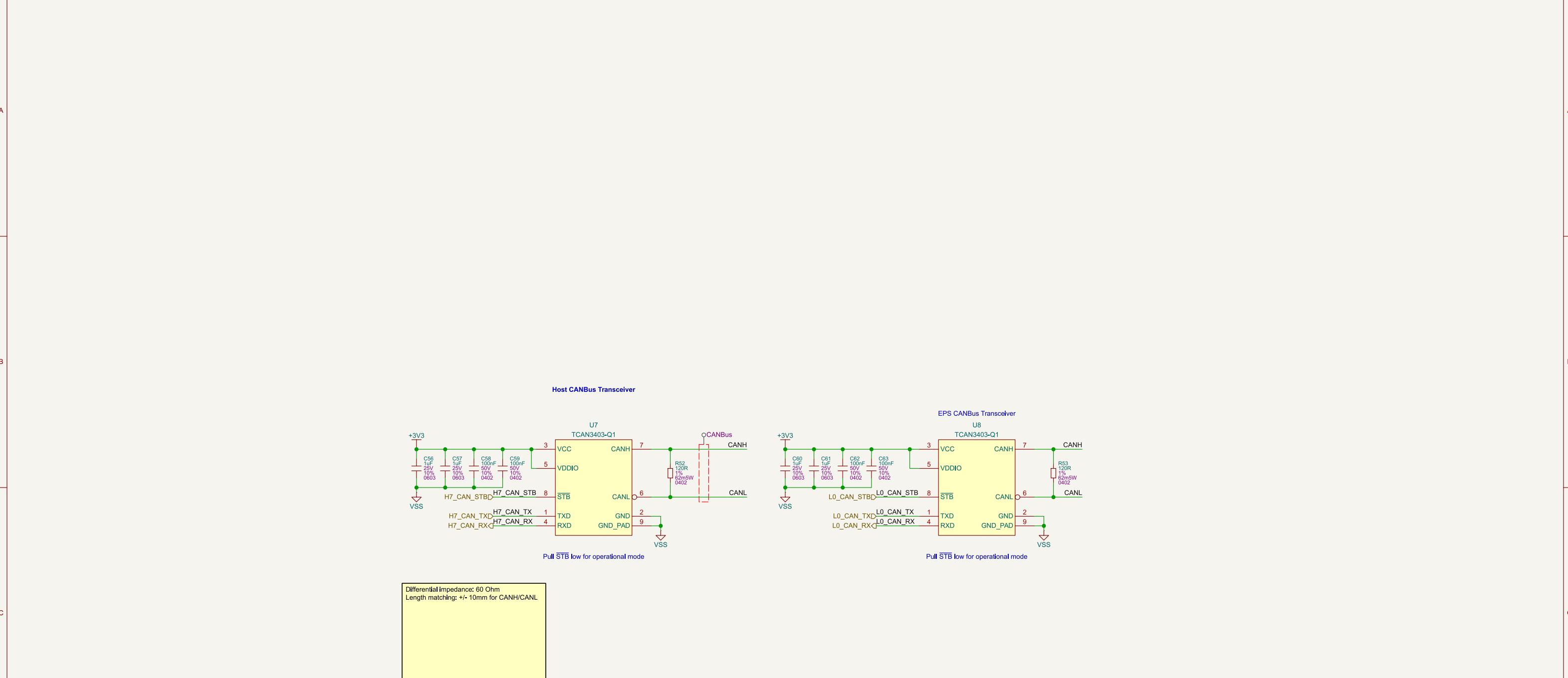
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Title: Awohali Ethernet



Size	Sheet:	Revision:
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File: ethernet.kicad_sch	Drawn By: Madison Gleydura	



TP21 → H7_CAN_TX
 TP22 → H7_CAN_RX
 TP23 → CANH
 TP24 → CANL
 TP25 → L0_CAN_TX
 TP26 → L0_CAN_RX
 TP27 → VSS
 TP28 → VSS

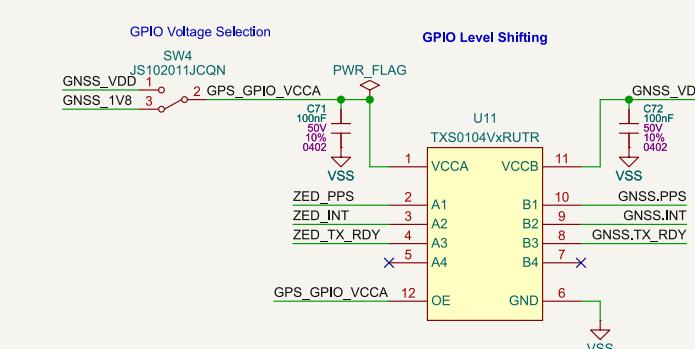
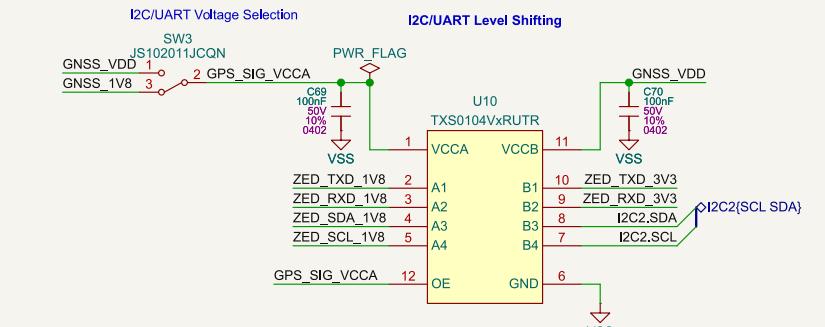
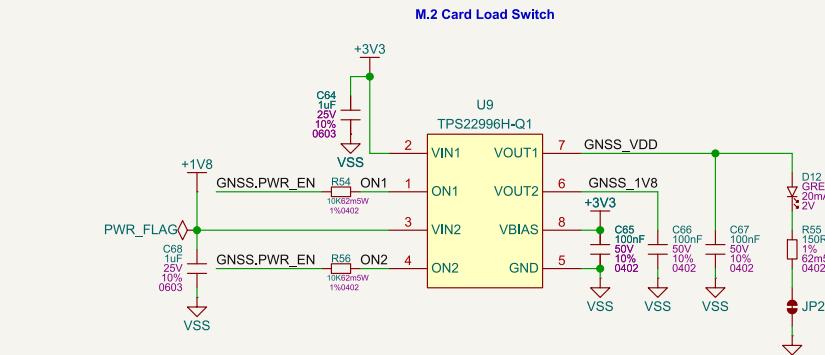
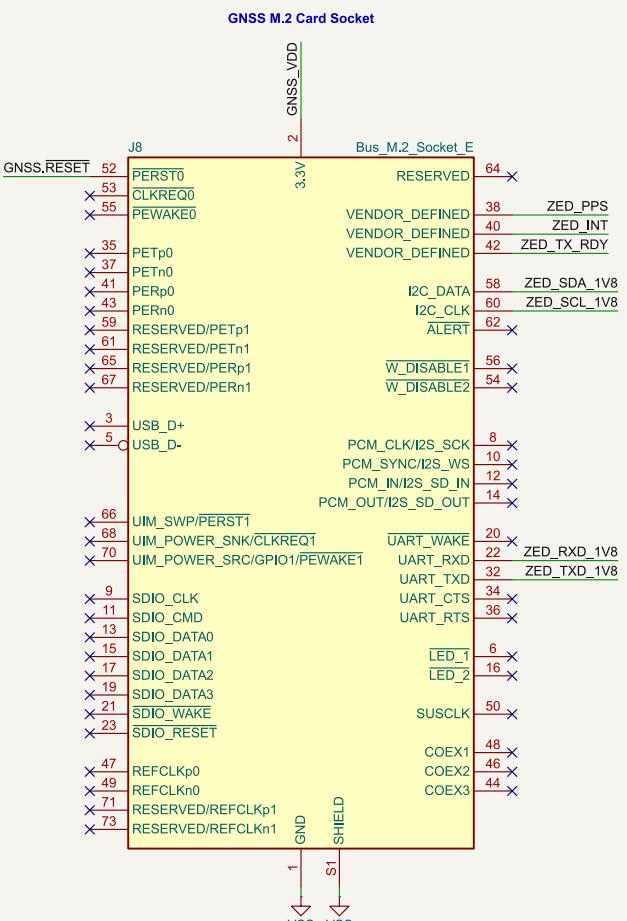
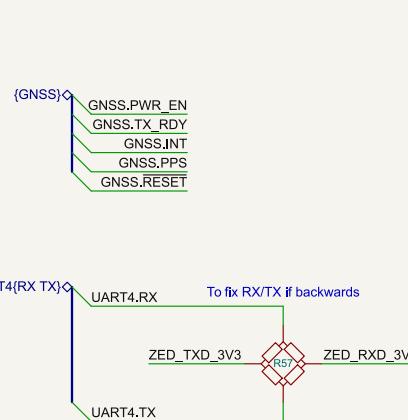
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Title: Awohali CANBus Transceivers



Size: B	Sheet: /CANBus Transceivers/	Revision: 1
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File: canTransceivers.kicad_sch	Drawn By: Madison Gleydura	



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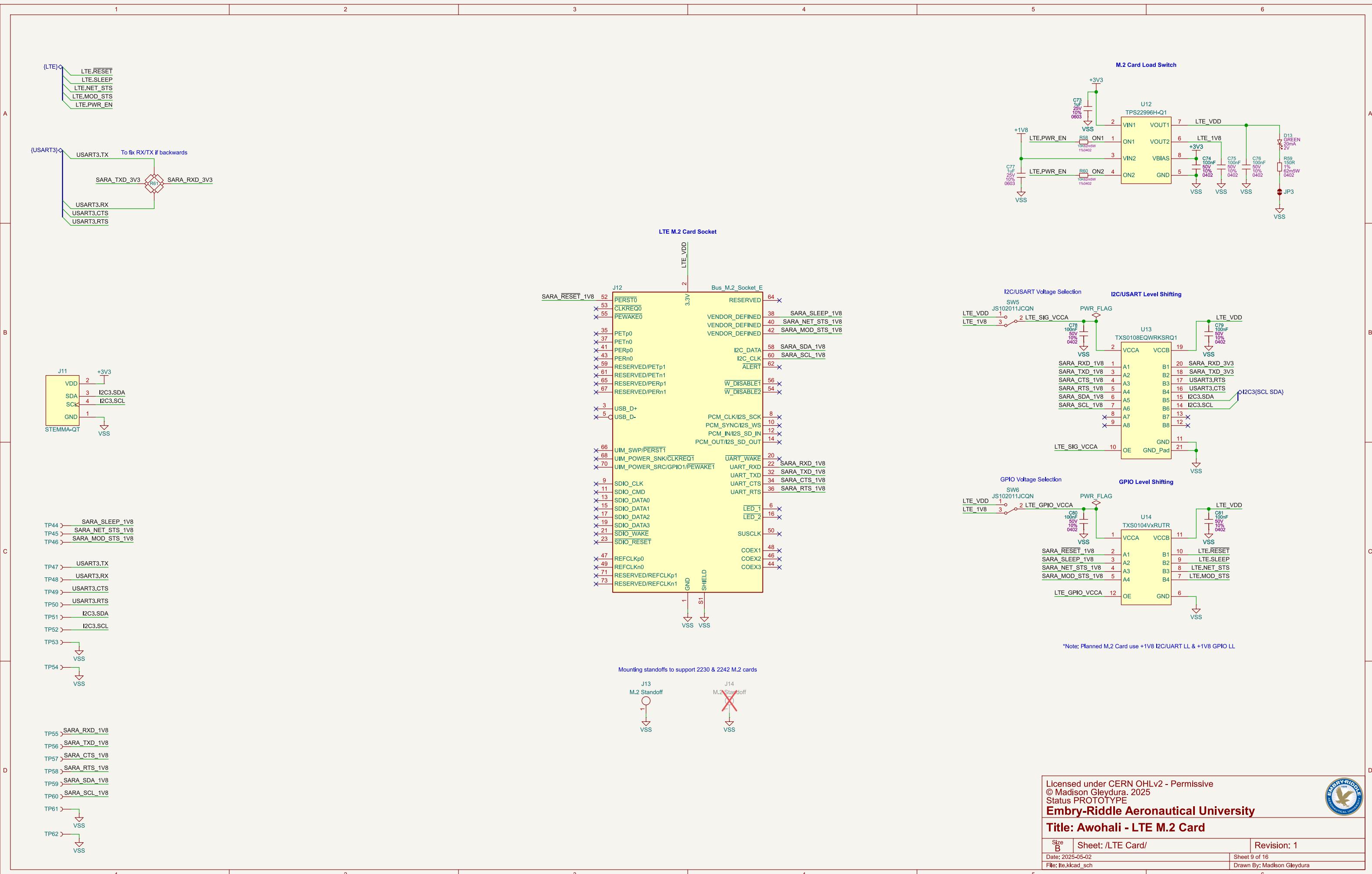


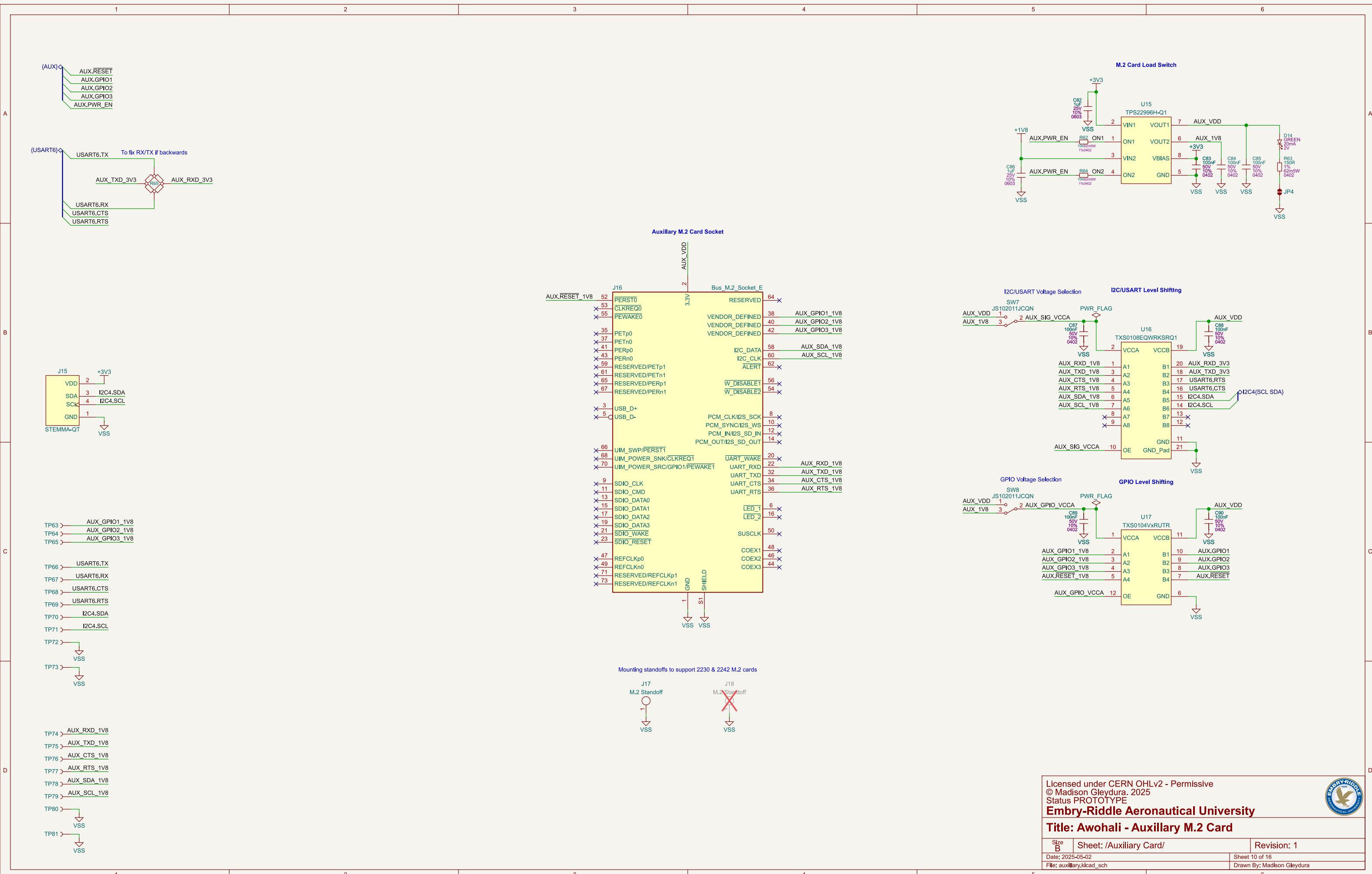
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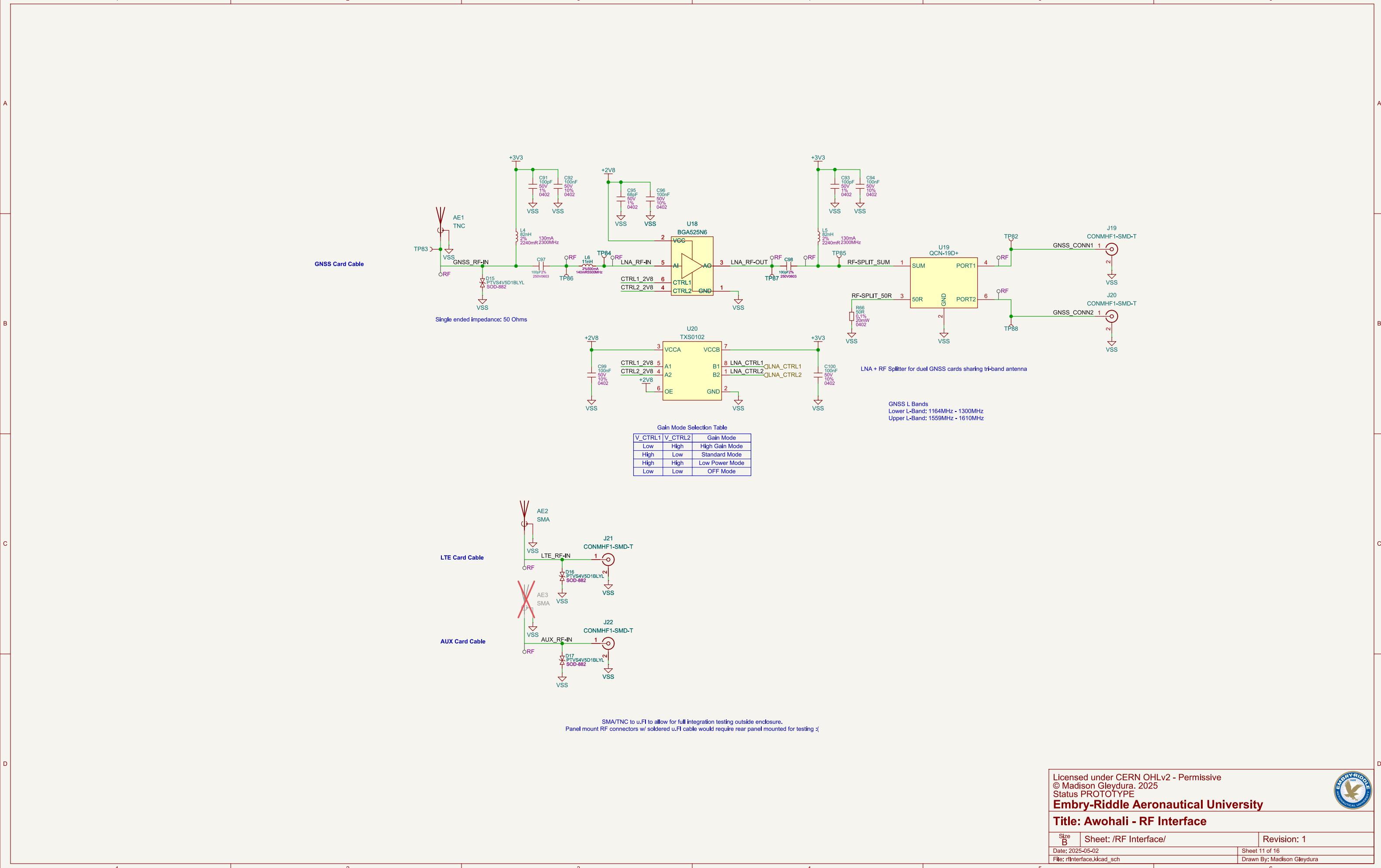
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Title: Awohali GNSS M 3 Card

Size	Sheet: /GNSS Card/	Revision: 1
Date: 2025-05-02	Sheet 8 of 16	
File: gnss_kicad.sch	Drawn By: Madison Gledvura	







A

A

B

B

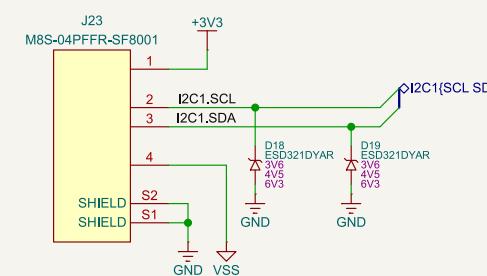
C

C

D

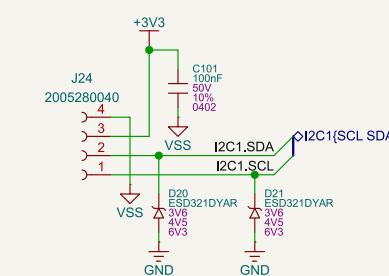
D

External Temperature/Humidity Sensor



I₂C Address: Unsure :(
Cable <1m

Internal Pressure Sensor w/ port



I₂C Address: 0x5C

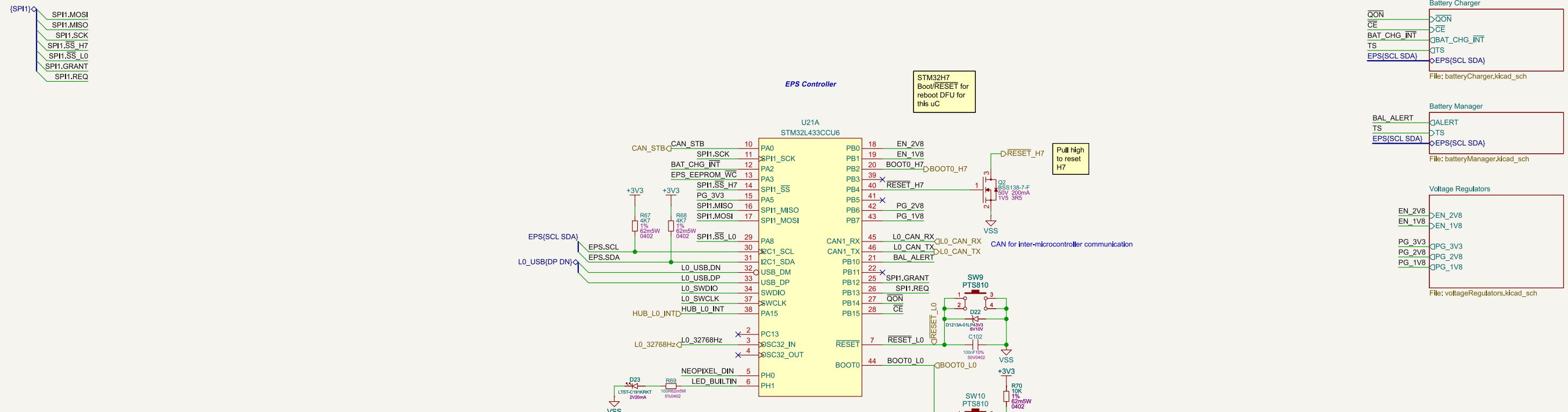
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Title: Awohali - Environmental Sensors



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Title: Awohali - EPS Controller



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B	/EPS Controller/	1
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